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ABSTRACT

The structural wooden joist described comprises an elongated lower chord, an elongated upper chord and an openwork web structure joining the chords and consisting of a series of connector members formed of inclined branches and adhesively secured to the lower and upper chords. Each branch of a connector member is formed of at least two planks having contiguous sides adhesively joined to one another. The connector members define a series of triangular openings in the web structure.

1. A structural wooden joist comprising:
a. an elongated lower chord;
b. an elongated upper chord;
c. an openwork web structure joining the chords and consisting of a series of connector members formed of inclined branches and adhesively secured to the lower and upper chords;
d. each branch of a connector member is formed of at least two planks having contiguous sides adhesively joined to one another;
e. the connector members define a series of triangular openings in the web structure.